

**ABSTRACT**

An optical device (44) is provided with an optical modulator (440), a color combining optical device (444) and an optical converting element (443), the optical  
5 modulator (440) being attached to the color combining optical device (444) through a position-adjusting spacer (449) made of a heat-insulative material, so that heat generated on the optical modulator (440) and the optical converting element (443) is mutually insulated by the spacer (449) made of heat-insulative material and does not conduct from high-temperature side to low-temperature side between the optical modulator (440) and the  
10 optical converting element (443), thus improving cooling efficiency of the optical modulator (440) to enable size reduction and high luminance of the optical device (44) and a projector.